

**S1 Table.** Gene-specific primers used in real-time PCR (qPCR) analyses.

Name of gene	Symbol	Primer sequence (5' - 3')	Concentration ( $\mu$ M)	qPCR efficiency <sup>a</sup>	Coefficient of regression <sup>b</sup>	Sequence source
Serotonin transporter	<i>SLC6A4</i>	f: TGGTTCTATGGCATCACTCAGTTC r: GTTGTGGCGGGCTCATCAG	0.40	96.3%	0.997	[1]
Tyrosine 3-monooxygenase / tryptophan 5-mono-oxygenase activation protein, zeta polypeptide	<i>YWHAZ</i>	f: CCGTTACTTGGCTGAGGTTG r: AGTTAAGGCCAGACCCAGT	0.20	97.5%	0.998	[2]
Ubiquitin C	<i>UBQ</i>	f: TCGCAGCCGGATTG r: GCATTGTCAAGTGACGATCACA	0.40	96.6%	0.995	[2]

f, forward; r, reverse.

<sup>a</sup>qPCR efficiency and <sup>b</sup>coefficient of regression were calculated from slopes of 6-point standard curves with two-fold serial dilutions.

## References

1. Van Lelyveld N, Ter Linde J, Schipper MEI, Samsom M. Regional differences in expression of TPH-1, SERT, 5-HT3 and 5-HT4 receptors in the human stomach and duodenum. *Neurogastroenterol Motil.* 2007;19: 342–348. doi:10.1111/j.1365-2982.2006.00891.x
2. Baumann M, Körner M, Huang X, Wenger F, Surbek D, Albrecht C. Placental ABCA1 and ABCG1 expression in gestational disease: Pre-eclampsia affects ABCA1 levels in syncytiotrophoblasts. *Placenta.* 2013;34: 1079–1086. doi:10.1016/j.placenta.2013.06.309